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Mill Valley, Cal. 94941

December 17, 1974

Director  
Biotechnology Resources Branch  
Division of Research Resources  
National Institutes of Health  
Bldg 31, Room 5B19  
Bethesda, MD 20014

Dear Sir:

We have programmed a collection of algorithms which effect a medical history and regimen formulation focused on hypertension. The algorithms were developed by, and are intended for the use of, the Clinical Investigation Center of the Regional Naval Medical Facility at Oakland, California.

These programs acquire and monitor the medical history of hypertension patients, and suggest pharmaceutical regimen, revisit schedules, and appropriate laboratory tests. The programs have been developed on the Decision time-sharing system of the Lawrence Hall of Science at the Berkeley campus of the University of California, and are currently undergoing a final debugging phase. The cases processed by these programs can be maintained and continuously be accessed in the disc file system of the Lawrence Hall of Science computer system, subject only to the disc space limitations of that system. Because those limitations are presently very narrow, we wonder whether we might qualify to conduct this clinical/computational experimentation with the resources of the SUMEX Project at Stanford University.

Sincerely,



Dr Robert M. Baer

cc. LCDR Michael Hogan, M.D.  
Clinical Investigation Center  
Naval Regional Medical Center  
Oakland, California  
  
Elliot Levinthal  
SUMEX Computer Project  
Stanford University Medical Center